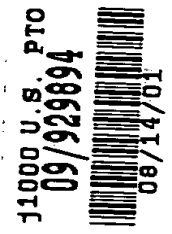


#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of: H E Butterworth

Serial No:

Filed:

Title: FREE SPACE COLLECTION IN INFORMATION STORAGE SYSTEMS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56 (a) exists.

The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98 (a)(1).

A copy of each of the items on PTO-1449 is supplied herewith.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "A. Raissinia".

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Form PTO-1449

Docket No: GB920000053US1

Application No:

INFORMATION DISCLOSURE  
CITATION IN AN APPLICATION  
(Use several sheets if necessary)

Applicant: H E Butterworth

Filing Date:

Group Art Unit:



## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1A						
	1B						
	1C						
	1D						
	1E						
	1F						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country of Patent Office	Class	Subclass	Translation Yes/No
	2A						
	2B						
	2C						
	2D						
	2E						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc)

Examiner Initial		
	3A	"The Design and Implementation of a Log Structured File System" by M Rosenblum and J K Ousterhout, ACM Transactions on Computer Systems, Vol 10 No 1, February 1992, pp 26-52.
	3B	"A Case for Redundant Arrays of Inexpensive Disks (RAID)", Report No UCBICSD 87/391, December 1987, Computer Sciences Division, University of California.
	3C	"A Performance Comparison of RAID 5 and Log Structured Arrays", Proceedings of the Fourth IEEE International Symposium on High Performance Distributed Computing, 1995, pp 167-178.
	3D	

Examiner:

Date Considered:

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.